

Programming Languages Chapter 13 Discovering Computers

1. What is a third generation programming language?

When a programmer uses a set of English like words to write instructions.

2. Give three examples of third generation languages?

ADD for Addition, PRINT for Print and * for Multiplication

3. What generation language is assembly?

Assembly is a second-generation language

4. What is object oriented programming?

A tool used by programmers to implement an object-oriented design.

5. Define three object oriented programming languages:

RAD is a method of developing software. Java is an object-oriented programming language developed by Sun Microsystems. C++ is an object-oriented language that is an extension of the C programming language.

Page 696 Ethics and Issues: Read Is Beta Testing out of Hand?

What is Beta Testing? Would you participate in beta testing software on your pc? Why or why not? Are Software manufacturers being honest about their intentions in their beta testing? If not, in what way? Is it reasonable for software manufacturers to beta test their software for the general public? If so, for how long?

Beta testing is the testing of a new product for bugs and glitches and such that hasn't been officially released by the producing company. I would participate for beta testing on my PC, but I wouldn't get too attached to the product because it wasn't the full product. I believe software

manufacturers are being honest in their intentions because they aren't hiding anything. It's not like they have hidden intentions or are hiding viruses on their beta. It is reasonable for software manufacturers to test their product on the general public, however, it isn't reasonable to keep the beta up for months or years.